

XVII INTERNATIONAL ACADEMIC CONFERENCE WISE CITY - THEORY AND PRACTICE

Project financed from state budget funds allocated by the Minister of Education and Science under the "Excellent Science II" Program (Polska)

CONFERENCE PROGRAMME

Friday, May 12th 2023

9.00 – 9.30 – registration of participants

9.30 - OPENING OF THE CONFERENCE

The opening ceremony will honor: prof. dr hab. inż. DARIUSZ BOGDAŁ (Vice-Rector for Science CUT); dr hab. inż. JERZY ZAJĄC, prof. PK (Vice-Rector for Education and International Cooperation CUT); dr hab. inż. arch. MAGDALENA KOZIENŃ-WOŹNIAK, prof. PK (Dean of the Faculty of Architecture CUT); Dr hab. inż. arch. KINGA RACOŃ-LEJA, prof. PK, (CUT, co-chairwoman of the conference); Dr hab. inż. arch. WOJCIECH KORBEL, prof. PK, (CUT, co-chairman of the conference); Prof. dr hab. inż. arch. MATEUSZ GYURKOVICH, (CUT, co-chairman of the conference)

1st SESSION 10.10 – 11.50

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Prof. dr hab. inż. arch. ANNA AGATA KANTAREK**, Cracow University of Technology, AUPC PAS; **Prof. D. Sc. Ph.D. Arch., CARLOS MARMOLEJO DUARTE**, ETSAB Universitat Politècnica de Catalunya; **Prof. dr hab. inż. arch. KRYSZYNA SOLAREK**, Warsaw University of Technology, AUPC PAS

10.10 – 10.30 online

Prof. arch. MARIO CERASOLI, Roma Tre University; *The historical urban heritage in the post-pandemic Era. Challenges and opportunities*

10.30 – 10.40 online

Prof. dr hab. inż. arch. SŁAWOMIR GZELL, Warsaw University of Technology, AUPC PAS; *The City is to be Wise, but what about us?*

10.40 – 10.50

Dr hab. inż. arch. WOJCIECH KORBEL, prof. CUT, Cracow University of Technology, AUPC PAS; *Instruments of operational urban planning in Polish building code of 1928 - a forgotten legacy*

10.50 – 11.00

Prof. arch. KARIN HOFERT FEIX, ETSAB, Universitat Politècnica de Catalunya, Spain; Politecnico di Milano; *Strategies to improve the public spaces in Barcelona*

11.00 – 11.10

AA Dipl, M.Sc. ARB, MRTPI, Honorary Senior Research Fellow IVOR SAMUELS, Birmingham University, ISUF; *Time to ditch the greenbelt?*

11.10 – 11.20

Dr inż arch. BARTŁOMIEJ HOMINSKI, dr inż arch. **FILIP SUCHON**, mgr inż arch. **PhD Candidate KAROL WAWRZKIEWICZ**, Cracow University of Technology; *Age-ready Urban Resilience. Architectural and structural study of senior housing with volumetric modular technology*

11.20 – 11.30

Dr hab. inż. arch. TOMASZ BRADECKI, prof. PŚ, Silesian University of Technology, Gliwice; **Dr inż. arch. BARBARA UHEREK-BRADECKA**, Academy of Silesia, Katowice; *Wise senior housing estates - challenges, opportunities and threats – on the basis of research on contemporary case studies*

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11.30 – 11.40 online

Dr hab. HANNA GRZESZCZUK-BRENDEL, Prof. PP, Mgr inż. arch. ADRIANNA BRECHELKE, Poznań University of Technology; *The historical spatial and functional structure of Kołobrzeg and the city's contemporary urban challenges*

11.40 – 11.50

Dr hab. inż. arch. JUSTYNA MARTYNIUK-PĘCZEK, prof. GUT, Gdańsk University of Technology, AUPC PAS; *Reflective practice in urban design*

COFFEE BREAK 11.50 – 12.20 __discussion behind-the-scenes

2nd SESSION 12.20 – 13.40

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Dr hab. inż. arch. ANNA FRANTA, prof. CUT**, Cracow University of Technology; **Prof. arch. KARIN HOFERT FEIX**, ETSAB, Universitat Politècnica de Catalunya, Spain; Politecnico di Milano; **Dr hab. inż. arch. JUSTYNA MARTYNIUK-PĘCZEK**, prof. GUT, Gdańsk University of Technology, AUPC PAS

12.20 – 12.40

Prof. dr hab. inż. arch. ZBIGNIEW W. PASZKOWSKI, West Pomeranian University of Technology, AUPC PAS; *Paradigms & Morphogenetic Urban Development*

12.40 – 12.50

Dr hab. inż. arch. MATYLDA WADOWIARZ-BILSKA, Prof. CUT, Cracow University of Technology; *City Intelligence and Spatial change*

12.50 – 13.00

Dr inż. arch. KAROLINA DUDZIC-GYURKOVICH, Cracow University of Technology; *Exploring the centrality measures in the urban green areas network in the city of Kraków*

13.00 – 13.10

Dr inż. arch. DAMIAN POKLEWSKI-KOZIEŁŁ, Dr inż. arch. MARCIN GIERBIENIS, Cracow University of Technology; *Revitalization of the market square in Trzebiatów in the context of environmental conditions*

13.10 – 13.20

Dr inż. arch. NATALIA GORGOL, Cracow University of Technology, Poland; *Wise city – smart city? Green infrastructure as a strategic feature of smart urban form on selected examples*

13.20 – 13.30 online

PhD Candidate VALENTYN SHAROVATOV, Kharkiv School of Architecture; *Typology of massing study and its reflection in the design of urban structures*

13.30 – 13.40

Dr hab. inż. arch. KATARZYNA HODOR, prof. CUT, Cracow University of Technology; **Dr inż. arch. MAGDALENA WILKOSZ-MAMCARCZYK, Dr hab. BARBARA PRUS, prof. UR, Mgr inż. arch. BARBARA OLCZAK**, University of Agriculture in Cracow, **Dr hab. NADIJA SOSNOVA, prof. NUPL**, Lviv Polytechnic National University; *Reflections on the absorptive limit of the development of the cultural landscape of villages soak up by post-socialist cities on the example of Bronowice (Krakow, Poland) and Znesinnya (Lviv, Ukraine)*

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LUNCH BREAK 13.40 – 15.10 ___ discussion behind-the-scenes

3rd SESSION 15.10 – 16.50

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Dr hab. inż. arch. WOJCIECH KORBEL, prof. CUT**, Cracow University of Technology, AUPC PAS; **Prof. D. Sc. Ph.D. Arch., IVOR SAMUELS**, Birmingham University, ISUF UK; **Dr hab. inż. arch. TOMASZ BRADECKI, prof. PŚ**, Silesian University of Technology, Gliwice

15.10 – 15.30

Prof. Dr. EMANUELE NABONI, Royal Danish Academy, KADK; University of Parma; *Climate Change, Design Change. Enhancing Ecosystem Quality, Health and Decarbonize by Design*

15.30 – 15.40

Prof. Dr hab. inż. arch. KRYSZYNA SOLAREK, Warsaw University of Technology, AUPC PAS; *Planning green and blue infrastructure in Poland: untapped potential of urban design*

15.40 – 15.50

Dr hab. inż. arch. KATARZYNA PLUTA, prof. PW, Warsaw University of Technology; *Resilient public spaces in the Mokotów district in Warsaw*

15.50 – 16.00 online

Prof. Ph.D. Arch. ADOLFO SOTUCA GARCÍA, DUOT ETSAV UPC Barcelona; *NDVI roots in Urban Planning. The Barcelona eastern delta case, 1956-2016*

16.00 – 16.10

Dr inż. arch. BARTŁOMIEJ BUŁAWA, Academy of Silesia, Katowice; *The urban development as a spatial continuum of the historic town center: the alternative to urban sprawl and "no context" development. The case of the town of Prusice, Poland*

16.10 – 16.20

Prof. dr hab. inż. arch. AGATA BONENBERG AUPC PAS, Poznań University of Technology; *Towards sustainable living environment. Acceptance level of mycelium material in architecture.*

16.20 – 16.30

Dr inż. arch. AGNIESZKA WŁOCH-SZYMLA, Cracow University of Economics; *Urban heritage of modernist housing estates and their contemporary potential in the structures of the city*

16.30 – 16.40

Dr hab. inż. arch. ANNA BAĆ, prof. PW, Wrocław University of Science and Technology, AUPC PAS; *Didactics for smart cities – academics perspective*

16.40 – 16.50

Prof. dr hab. inż. arch. AGATA BONENBERG AUPC PAS, **Dr inż. arch. AGNIESZKA KASIŃSKA-ANDRUSZKIEWICZ**, **Mgr inż. arch. EWA ANGONEZE-GRELA**, Poznań University of Technology; *Ecological District of Innovation and Technology in Poznań (EDIT Poznań) – strategy and pilot studies*

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CONFERENCE PROGRAMME

Saturday, May 13th 2023

4th SESSION 10:00 – 11.50

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Prof. dr hab. inż. arch. ANNA JANUCHTA-SZOSTAK**, Poznań University of Technology; **Prof. Dr. EMANUELE NABONI**, Royal Danish Academy, KADK; University of Parma; **Prof. dr hab. inż. arch. MATEUSZ GYURKOVICH**, Cracow University of Technology

10.00 – 10.30

Prof. dr hab. inż. arch. PIOTR LORENS, Gdańsk University of Technology, AUPC PAS; *Flexible planning. Local government experiences*

10.30 – 10.40

Dr hab. inż. arch. KINGA RACÓŃ-LEJA, prof. CUT; **dr inż. arch. KRZYSZTOF BARNAŚ**; **dr TOMASZ JELEŃSKI** Cracow University of Technology; *Leveraging late-twentieth-century standardised housing technology in the struggle against climate change*

10.40 – 10.50

Prof. dr hab. inż. arch. ANNA KANTAREK, Cracow University of Technology, AUPC PAS; *Temperate City*

10.50 – 11.00

Prof. YURIY KRYVORUCHKO, Zaporizhzhia Polytechnic National University; **Dr hab. inż. arch. BOGUSŁAW PODHALAŃSKI**, Podhale State Vocational University in Nowy Targ; *Urban design in the context of warfare and natural disasters*

11.00 – 11.10 online

Assoc. Prof. Arch. MARCO LUCCHINI, Politecnico di Milano; *Can Continuity Between Housing Design and Urban Spaces Stop the Urban Crisis? The Study Case of Milan*

11.10 – 11.20

Prof. Dr. MICHAEL PETEREK, University of Applied Sciences Frankfurt; *Cultural Heritage and Protection of the Environment in the Urban-Rural Nexus: the Community-Based Tourism Approach for the Cu De River Valley in Da Nang, Vietnam*

11.20 – 11.30

Dr inż. arch. DOROTA WANTUCH-MATLA, Cracow University of Technology; **Dr SŁAWOMIR DOROCCI**, **Dr RAFAŁ KROCZAK**, Pedagogical University of Krakow; *Spatial, functional and landscape changes of a medium-sized postindustrial town based on aerial photo analysis. The case of Gorlice.*

11.30 – 11.40 online

Mgr inż. arch. JAROSŁAW PIESIK, University of Zielona Góra; *Increasing the environmental capacity in the vertical space of the city center using vines on the example of the "Niebuszewo" district of the city of Szczecin*

11.40 – 11.50

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Dr inż. arch. ERNESTYNA SZPAKOWSKA - LORANC, Cracow University of Technology; *Exploring narratives in the city's cultural heritage. A cross-disciplinary exploration*

COFFEE BREAK 11.50 – 12.30 __discussion behind-the-scenes

5th PARALLEL SESSION 12.30 – 14.00

Warszawska street, No. 24, "Kotłownia" building

Moderators: **Dr hab. inż. arch. Kinga Racoń-Leja, prof. CUT**, Cracow University of Technology, **Prof. Dr. MICHAEL PETEREK**, University of Applied Sciences Frankfurt and **Prof. dr hab. inż. arch. AGATA BONENBERG**, Poznań University of Technology, AUPC PAS

12.30 – 12.40

Prof. dr hab. inż. arch. ANNA JANUCHTA-SZOSTAK (contributor inż. arch. Paulina Otto) Poznań University of Technology; *Water-wise Polish cities according to Water City Index*

12.40 – 12.50 online

Dr inż. arch. KRYSZYNA ILMURZYŃSKA, Warsaw University of Technology; *Possibilities and needs of transformation of a large housing estate in the face of demographic change and social background*

12.50 – 13.00

Assoc. Prof. PhD OLHA KRYVORUCHKO, Lviv Polytechnic National University; *Revitalization and reconstruction of urban spaces in the context of natural, social, epidemiological and military threats, on the example of Lviv*

13.00 – 13.10

Dr hab. inż. arch. PATRYCJA HAUPT, prof. CUT, Cracow University of Technology; **Dr inż. arch. LEA KAZANECKA-OLEJNIK**, Wrocław University of Science and Technology; *A comparative study of active transformation of public spaces on the border with commercial and cultural architectural infrastructure*

13.10 – 13.20

Prof. dr hab. inż. arch. MAGDALENA ŻMUDZIŃSKA-NOWAK, mgr inż. arch. **MAGDALENA WAŁEK**, PhD candidate, Silesian University of Technology, Gliwice; *Losing Genius Loci: cultural heritage in the face of 21st-century challenges, on the example of medieval defensive objects*

13.20 – 13.30

Dr inż. arch. AGNIESZKA MATUSIK, Cracow University of Technology; *Multi-attribute analysis of waterfront public spaces in historic core of the city. Case study of Wisła River embankment in Kraków*

13.30 – 13.40 online

Dr inż. arch. ANNA SULIMOWSKA, **Dr inż. arch. MAGDALENA KRAUSE – ŚWIERCZYŃSKA**, Silesian University of Technology, Gliwice; *Exemplary thermal diagnostics together with an assessment of the maintenance condition of selected residential buildings of the Bobrek Estate in Bytom in the context of the possibility of their modernization*

13.40 – 13.50

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Mgr inż. arch. DARIA PAWLACZYK-SZYMAŃSKA, Dr hab. inż. arch. AGNIESZKA GĘBCZYŃSKA-JANOWICZ,
University of Technology in Gdansk; *Parks and gardens of psychiatric hospitals as therapeutic urban areas*

13.50 – 14.00 online

Mgr inż. arch. MICHAŁ PURSKI, Warsaw University of Technology; *Resilient public spaces in the Kielce City*

6th PARALLEL DOCTORAL SESSION 12.00 – 13.30

Faculty of Architecture building, 1st floor, room no.08

Moderators: **Dr hab. inż. arch. KATARZYNA HODOR, prof. CUT,** Cracow University of Technology; **Prof. Dr DENIS BOCQUET,** École Nationale Supérieure d'Architecture de Strasbourg, Laboratoire AMUP; **Dr hab. inż. arch. PATRYCJA HAUPT, prof. CUT,** Cracow University of Technology;

12.00 – 12.10

Mgr inż. arch. PAULINA NAGEL, Academy of Silesia, Katowice; *Possibilities for the renewal of the Katowice City Market in student visions*

12.10 – 12.20

Mgr inż. arch. WERONIKA WLAZŁY, Prof. dr hab. inż. arch. AGATA BONENBERG (patron), Poznań University of Technology, AUPC PAS; *Eye tracking study of greenery in interior spaces of public libraries*

12.30 - 12.40

Mgr inż. arch. EWA SZYMCZYK, PhD Candidate, Cracow University of Technology; *Does urban form matter? Growth and shrinkage of Polish medium-sized cities from urban planning perspective*

12.40 – 12.50

Mgr inż. arch. KRZYSZTOF KLUS, PhD Candidate, Cracow University of Technology, *Impact of urban planning on accessibility to educational institutions in the city residential complexes*

12.50 – 13.00

Mgr inż. arch. ALEKSANDRA PALMER, PhD candidate, Wrocław University of Science and Technology; *Didactics for smart cities – students' perspective*

13.00 – 13.10

M.Sc. SABENA THOMAS, PhD Candidate, Frankfurt University of Applied Sciences, Global Urbanisation Research Team; *Socio-Ecological Resilience and its Role in Cities in the Global South: A Case Study of Tshwane, South Africa*

13.10 – 13.20

Mgr inż. arch. JUDYTA RDUCH, PhD candidate, Cracow University of Technology; *The city's housing policy in the revitalization of socially excluded zones*

13.20 – 13.30

Mgr inż. arch. KRZYSZTOF GROCHAL, PhD Candidate, Cracow University of Technology, Poland; *Structural characteristics of the socialist satellite cities. Comparison of Tychy and Havířov*